In the Claims:

For the Examiner's convenience, all pending claims are presented below with changes shown in accordance with the mandatory format. Please withdraw claims 16-39.

1. (Original) A network comprising:

a server computer; and

a client computer, wherein the client computer accesses an authentication stack during a power on self-test (POST) that enables authentication of the remote server.

2. (Original) The network of claim 1 wherein the authentication stack comprises:

a control layer;

an interface layer;

a support layer; and

a hardware layer.

3. (Original) The network of claim 2 wherein the control layer comprises:

a user authentication (UA) control applet; and

an application program interface (API) interface layer.

4. (Original) The network of claim 3 wherein the control applet finds, interprets and enforces a platform security policy that defines how to handle security related events.

5. (Original) The network of claim 4 wherein the security related event is remote local area network (LAN) wakeup event.

6. (Original) The network of claim 4 wherein the security related event is resume from suspend event.

7. (Original) The network of claim 4 wherein the security related event is an AT

attachment 3 (ATA-3) event.

8. (Original) The network of claim 2 wherein the interface layer comprises:

a UA API; and

a storage API.

9. (Original) The network of claim 8 wherein the UA API defines high-level function calls for user authentication.

10. (Original) The network of claim 2 wherein the support layer comprises:

an authentication support component; and

a storage component.

11. (Original) The network of claim 10 wherein the support layer is developed by a service provider.

12. (Original) The network of claim 11 wherein the support layer translates API calls received from the interface layer into proprietary calls of the service provider.

13. (Original) The network of claim 10 wherein the support layer receives API function calls from the control applet and returns the appropriate information.

14. (Original) The network of claim 10 wherein the storage component comprises a storage plug-in.

15. (Original) The network of claim 10 wherein the authentication support component comprises:

fingerprint plug-in;

a smart card plug-in;

a universal serial bus (USB) token plug-in; and

a remote boot plug-in.

16. (Withdrawn) A method comprising:

commencing a power on self-test a computer system;

authenticating a boot server by receiving a request from the boot server to access an authentication stack at the computer system; and

downloading boot code from the boot server at the computer system.

17. (Withdrawn) The method of claim 16 further comprising:

authenticating the boot code; and

executing the boot code at the computer system.

18. (Withdrawn) The method of claim 17 further comprising passing control of the computer system to a local operating system.

19. (Withdrawn) A method comprising:

receiving a request at a boot server from a computer system to download boot code to the computer system;

accessing an authentication stack at the computer system; and

authenticating the boot server at a service provider server.

20. (Withdrawn) The method of claim 19 wherein authenticating the boot server at a service provider server comprises accessing a remote plug-in at the service provider server.

21. (Withdrawn) The method of claim 19 further comprising downloading the boot code to the computer system.

22. (Withdrawn) A method comprising:

awakening at a computer system;

authenticating a management server by receiving a request from the management

server to access an authentication stack at the computer system; and

downloading boot code from the boot server at the computer system.

23. (Withdrawn) The method of claim 22 further comprising:

receiving wake-up packets at the computer system from the management server prior to the computer system being awakened; and

24. (Withdrawn) The method of claim 22 further comprising:

receiving management services at the computer system from the management server; and

passing control of the computer system to a local operating system.

25. (Withdrawn) A method comprising:

transmitting wake up packets to a computer system from a management server;

receiving an authentication response at the management server from the computer system;

accessing an authentication stack at the computer system; and

authenticating the management server at a service provider server.

26. (Withdrawn) The method of claim 25 wherein authenticating the management server at a service provider server comprises accessing a remote plug-in at the service provider server.

27. (Withdrawn) The method of 25 further comprising executing management services at the computer system.

28. (Withdrawn) An article of manufacture including one or more computer readable media that embody a program of instructions, wherein the program of instructions, when executed by a processing unit, causes the processing unit to:

commence a power on self-test a computer system;

authenticate a boot server by receiving a request from the boot server to access an authentication stack at the computer system; and

download boot code from the boot server at the computer system.

29. (Withdrawn) The article of manufacture of claim 28 wherein the program of instructions, when executed by a processing unit, further causes the processing unit to:

authenticate the boot code; and

execute the boot code at the computer system.

30. (Withdrawn) The article of manufacture of claim 28 wherein the program of instructions, when executed by a processing unit, further causes the processing unit to pass control of the computer system to a local operating system.

31. (Withdrawn) An article of manufacture including one or more computer readable media that embody a program of instructions, wherein the program of instructions, when executed by a processing unit, causes the processing unit to:

receive a request at a boot server from a computer system to download boot code to the computer system;

access an authentication stack at the computer system; and

authenticate the boot server at a service provider server.

32. (Withdrawn) The article of manufacture of claim 31 wherein causing the processing unit to authenticate the boot server at a service provider server further causes the processing unit to access a remote plug-in at the service provider server.

33. (Withdrawn) The article of manufacture of claim 31 wherein the program of instructions, when executed by a processing unit, further causes the processing unit to download the boot code to the computer system.

34. (Withdrawn) An article of manufacture including one or more computer

readable media that embody a program of instructions, wherein the program of instructions, when executed by a processing unit, causes the processing unit to:

awaken a computer system;

authenticate a management server by receiving a request from the management server to access an authentication stack at the computer system; and

download boot code from the boot server at the computer system.

35. (Withdrawn) The article of manufacture of claim 34 wherein causing the processing unit to authenticate the boot server at a service provider server further causes the processing unit to receive wake-up packets at the computer system from the management server prior to the computer system being awakened.

36. (Withdrawn) The article of manufacture of claim 34 wherein causing the processing unit to authenticate the boot server at a service provider server further causes the processing unit to:

receive management services at the computer system from the management server; and

pass control of the computer system to a local operating system.

37. (Withdrawn) An article of manufacture including one or more computer readable media that embody a program of instructions, wherein the program of instructions, when executed by a processing unit, causes the processing unit to:

transmit wake up packets to a computer system from a management server;

receive an authentication response at the management server from the computer system;

access an authentication stack at the computer system; and

authenticate the management server at a service provider server.

38. (Withdrawn) The article of manufacture of claim 37 wherein causing the

processing unit to authenticate the management server at a service provider server further causes the processing unit to access a remote plug-in at the service provider server.

39. (Withdrawn) The article of manufacture of claim 37 wherein causing the processing unit to authenticate the boot server at a service provider server further causes the processing unit to execute management services at the computer system.